

INTERNATIONAL SEARCH REPORT

Inte Application No
PCT/DK2005/000094

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07B39/00 C07B53/00 C07C45/63 C07F7/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07B C07C C07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>MARTIN OSTENDORF ET AL.: "(S)-Pyroglutamic Acid, (S)-Malic Acid, and (S)-Serine as Useful Starting Materials in the Synthesis of Enantiopure Hydroxyamidines" EUR. J. ORG. CHEM., vol. 2000, no. 1, 2000, pages 115-124, XP002327582 Compound 10</p> <p style="text-align: center;">-/-</p>	14

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

10 May 2005

Date of mailing of the International search report

02/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LEUTENEGGER U ET AL: "5-Aza-Semicorrins: A New Class of Bidentate Nitrogen Ligands for Enantioselective Catalysis" TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 48, no. 11, 1992, pages 2143-2156, XP002087673 ISSN: 0040-4020 Scheme 2: 7->8 and Experimental</p>	14
A	<p>LUKAS HINTERMANN AND ANTONIO TOGNI: "Catalytic Enantioselective Chlorination and Bromination" HELV. CHIM. ACTA, vol. 83, 2000, XP002327583 the whole document</p>	1